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09/848,292	05/04/2001	Takashi Miyasaki	35.C15340	9605

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FITZPATRICK CELLA HARPER & SCINTO  
30 ROCKEFELLER PLAZA  
NEW YORK, NY 10112

EXAMINER
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COFFY, EMMANUEL

ART UNIT	PAPER NUMBER
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2157

DATE MAILED: 05/19/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

09/848,292

Applicant(s)

MIYASAKI ET AL.

Examiner

Emmanuel Coffy

Art Unit

2157

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE \_\_\_\_ MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 15 March 2006.  
2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.  
3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-14 is/are pending in the application.  
4a) Of the above claim(s) 5 is/are withdrawn from consideration.  
5) ☐ Claim(s) \_\_\_\_ is/are allowed.  
6) ☒ Claim(s) 1-14 is/are rejected.  
7) ☐ Claim(s) \_\_\_\_ is/are objected to.  
8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.  
10) ☐ The drawing(s) filed on \_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).  
11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☐ All b) ☐ Some \* c) ☐ None of:  
1. ☐ Certified copies of the priority documents have been received.  
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.  
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)  
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)  
3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_.  
4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date \_\_\_\_.  
5) ☐ Notice of Informal Patent Application (PTO-152)  
6) ☐ Other: \_\_\_\_.

***DETAILED ACTION***

1. This action is responsive to the remarks filed on March 15, 2006. Claims 1-14 are pending. Claims 1-14 are directed to a system, user terminal device, server device, method and storage medium for an "Updating User Status Information of a User of a Terminal." Claim 5 is cancelled.

***Response to Arguments***

2. Applicant's arguments have been fully considered but are moot in view of the new ground of rejection.

***Claim Rejections - 35 USC § 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 1, 11 and 12 are rejected under 35 U.S.C. §103(a) as being unpatentable over Gilhuly et al. (U.S. 6,701,378) in view of Sasaki et al. (US 2002/0161837).

Gilhuly substantially teaches the invention as claimed including a method and system for pushing information from a host system to a mobile data communication device upon sensing a triggering event. (See abstract.)

Claim 1:

As per claim 1, Gilhuly substantially teaches a status information sharing system for managing status information of users who operate user terminal devices, comprising:

a recognition unit that recognizes a presence or absence of a user at one of the user terminal devices; (See col. 6, lines 6-7; col. 10, lines 35-48.)

a search unit that searches schedule information of the registered users; and (See col.

5, lines 56-57; line 49 – calendar event is schedule information.)

a determination unit that determines whether last status information of the user's action is to be extended or not, in accordance with both the recognition of the presence or absence of the user and the searched schedule information; and (See col. 5, lines 44-60, col. 6, lines 6-7, and col. 10, lines 35-48.)

Gilhuly teaches sensing that the user is no longer in the vicinity of the host system at col. 6, lines 6-7 as indicated above. This is interpreted as recognition of a presence or absence of a user.

Gilhuly does not specifically address determination unit that determines whether last status information of the user's action is to be extended or not, in accordance with both the recognition of the presence or absence of the user and the searched schedule information;

a generation unit that generates change information based on the result of the determination unit; and

an update unit that updates present status information of the user's action on the basis of the generated change information.

However, Sasaki et al. expressly teaches among other things updating users based on the generated updated status information. See para 0021-0033; 0068-0069, 0102 and throughout.

Hence, it would have been obvious at the time of the invention for an artisan of ordinary skill in the art to combine the method of pushing taught by Gilhuly with status setting system and method disclosed by Sasaki because there is a growing need to communicate in ways that are considerate to the status of other users. For example, the status of one user may indicate that he/she is willing to receive messages. Alternatively, the status may indicate that the user is busy and does not wish to be disturbed.

Claim 11:

As to claim 11, Gilhuly substantially teaches recites a storage medium storing a program for controlling a user terminal device for of communicating with a server device for managing schedules of users who operate the user terminal devices, the program comprising:

a generation step of generating information representing a presence or absence of a user at the user terminal device based on the information from a recognition unit ;  
See col. 5, lines 44-60, col. 6, lines 6-7, and col. 10, lines 35-48.)

a transmission step of transmitting the generated information representing the presence or absence of the user at the user terminal device to the server device; and (See col. 5, lines 55-60; See also col. 4, lines 22-29.))

Gilhuly teaches among other things sensing that the user is no longer in the vicinity of the host system at col. 6, lines 6-7 as indicated above. This is interpreted as recognition of a presence or absence of a user. However, in order to emphasize that this is known in the art, applicant is referred to Wick col. 2, line 63-col. 3, line 21.

However, Sasaki et al. expressly teaches a receiving step for receiving present status information of the user's action which is extended or not extended based on a determination in accordance with both the transmitted information and the schedule information managed by the server. See para 0021-0033; 0068-0069, 0102 and throughout.

Hence, it would have been obvious at the time of the invention for an artisan of ordinary skill in the art to combine the method of pushing taught by Gilhuly with status setting system and method disclosed by Sasaki because there is a growing need to communicate in ways that are considerate to the status of other users. For example, the status of one user may indicate that he/she is willing to receive messages. Alternatively, the status may indicate that the user is busy and does not wish to be disturbed.

Claim 12:

As to claim 12, Gilhuly substantially teaches a storage medium storing a program for controlling a server device for communicating with user terminal devices, the program comprising:

an obtaining step of obtaining a presence or absence of the users from one of the user terminal devices; (See col. 6, lines 6-7; col. 10, lines 35-48.)

a search step of searching schedule information of registered users; (See col. 5, lines 56-57; line 49 – calendar event is schedule information.)

a determination step of determining whether last status information of the user's action is to be extended or not, in accordance with both the presence or absence of the users and the searched schedule information; (See col. 5, lines 44-60, col. 6, lines 6-7, and col. 10, lines 35-48.)

Gilhuly teaches among other things sensing that the user is no longer in the vicinity of the host system at col. 6, lines 6-7 as indicated above. This is interpreted as recognition of a presence or absence of a user.

Gilhuly does not specifically address determination unit that determines whether last status information of the user's action is to be extended or not, in accordance with both the recognition of the presence or absence of the user and the searched schedule information;

a generation step that generates change information based on the result of the determination unit; and

an update step that updates present status information of the user's action on the basis of the generated change information.

However, Saski et al. expressly teaches updating users based on the generated updated status information. See para 0021-0033; 0068-0069, 0102 and throughout.

Hence, it would have been obvious at the time of the invention for an artisan of ordinary

skill in the art to combine the method of pushing taught by Gilhuly with status setting system and method disclosed by Sasaki because there is a growing need to communicate in ways that are considerate to the status of other users. For example, the status of one user may indicate that he/she is willing to receive messages. Alternatively, the status may indicate that the user is busy and does not wish to be disturbed.

4. Claims 2-4, and 6-10, 13-14 are rejected under 35 U.S.C. §103(a) as being unpatentable over Gilhuly et al. (U.S. 6,701,378) in view of Sasaki et al. (US 2002/0161837) and in further view of O'Brien (US 6,587,831).

Claim 2:

As per claim 2, Gilhuly and Sasaki substantially teach a system according to claim 1 as discussed above, wherein said search unit searches the schedule information of the users for the last and present schedule information.

Gilhuly and Sasaki do not specifically address search based on past and present schedule. However, O'Brien expressly discloses such limitation as shown in Fig 2A and teaches such limitations throughout. See col. 6, lines 24-30.

Hence, it would have been obvious at the time of the invention for an artisan of ordinary skill in the art to combine the method of pushing taught by Gilhuly and Sasaki with searching last and present schedule disclosed by O'Brien because an optimal schedule is a sought after tool contributing to efficient time management.

Claim 3:

As per claim 3, Gilhuly and Sasaki substantially teaches a system according to claim 1 as discussed above, wherein said search unit searches the schedule information for next schedules.

Gilhuly and Sasaki do not specifically address search for next schedule. However,

O'Brien expressly discloses such limitation as shown in Fig 2A and 2B and teaches such limitations throughout. See col. 6, lines 30-40 and col. 7, lines 11-16.

Hence, it would have been obvious at the time of the invention for an artisan of ordinary skill in the art to combine the method of pushing taught by Gilhuly and Sasaki with searching last and present schedule disclosed by O'Brien because an optimal schedule is a sought after tool contributing to efficient time management.

Claim 4:

As per claim 4 Gilhuly and Sasaki substantially teach a system according to claim 1 as disused above, wherein said search unit searches the schedule information for past schedules.

Gilhuly and Sasaki do not specifically address search for past schedule. However, O'Brien expressly discloses such limitation at col. 7, lines 11-16.

Hence, it would have been obvious at the time of the invention for an artisan of ordinary skill in the art to combine the method of pushing taught by Gilhuly and Multer with searching last and present schedule disclosed by O'Brien because an optimal schedule is a sought after tool contributing to efficient time management.

Claim 6:

As per claim 6, Gilhuly substantially teaches a system according to claim 1 as discussed above, further comprising:

a count unit that counts the duration of a predetermined status if the presence or absence of the user is said predetermined status, (See col. 6, line 11 –programmable timer can be used for that purpose.)

wherein said generation unit generates the change information of the status information on the basis of the duration counted by said count unit if no schedule information exists. (See



col. 5, lines 44-60.)

Claim 7:

As per claim 7 Gilhuly substantially teaches a user terminal device for communicating with a server device managing schedules of registered users who operate the user terminal devices, comprising:

a generation unit that generates information representing a presence or absence of a user at the user terminal device based on information from a recognition unit; (See col. 5, lines 44-60, col. 6, lines 6-7, and col. 10, lines 35-48.))

a transmission unit that transmits the generated information representing the presence or absence of the user at the user terminal device to the server device; and (See col. 5, lines 55-60; See also col. 4, lines 22-29.))

a receiving unit that receives last status information of the user's action which is extended or not extended based on a determination in accordance with both the transmitted information and the schedule information managed by the server. (See col. 5, lines 44-47; line 49 – calendar event is schedule information.))

Gilhuly teaches sensing that the user is no longer in the vicinity of the host system at col. 6, lines 6-7 as indicated above. This is interpreted as recognition of a presence or absence of a user. Moreover, in order to emphasize that this is known in the art, applicant is referred to Wick col. 2, line 63-col. 3, line 21.

Gilhuly does not specifically address updating users based on the generated updated status information. However, O'Brien expressly teaches updating users based on the generated updated status information at col. 9, lines 22-26 and col. 2, lines 26-33.

Hence, it would have been obvious at the time of the invention for an artisan of ordinary skill in the art to combine the method of pushing taught by Gilhuly and Sasaki with updating

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users based on the generated updated status information disclosed by O'Brien because an optimal schedule is a sought after tool contributing to efficient time management.

Claim 8:

As per claim 8 Gilhuly substantially teaches a server device that is capable of communicating with user terminal devices, comprising:

an obtaining unit that obtains a presence or absence of a user from one of the user terminal devices; (See col. 6, lines 6-7; col. 10, lines 35-48.)

a search unit that searches schedule information of registered users; (See col. 5, lines 56-57; line 49 – calendar event is schedule information.)

a determination unit that determines whether last status information of the user's action is to be extended or not in accordance with both the presence or absence of the user and the searched schedule information; (See col. 5, lines 44-60, col. 6, lines 6-7, and col. 10, lines 35-48.)

Gilhuly teaches sensing that the user is no longer in the vicinity of the host system at col. 6, lines 6-7 as indicated above. This is interpreted as recognition of a presence or absence of a user. However, in order to emphasize that this is known in the art, applicant is referred to Wick col. 2, line 63-col. 3, line 21.

Gilhuly does not specifically address a generation unit that generates change information based on the result of the determination unit; and

an update unit that updates the status information of the user's action on the basis of the generated change information.

However, O'Brien expressly teaches updating users based on the generated updated status information at col. 9, lines 22-26 and col. 2, lines 26-33 and Saski et al. expressly teaches updating users based on the generated updated status information. See para 0021-0033; 0068-

0069, 0102 and throughout.

Hence, it would have been obvious at the time of the invention for an artisan of ordinary skill in the art to combine the method of pushing taught by Gilhuly and Sasaki with updating users based on the generated updated status information disclosed by O'Brien because there is a growing need to communicate in ways that are considerate to the status of other users. For example, the status of one user may indicate that he/she is willing to receive messages. Alternatively, the status may indicate that the user is busy and does not wish to be disturbed.

Claim 9:

As to claim 9, Gilhuly substantially teaches recites a control method for controlling a user terminal device[[s]] that is capable of communicating with a server device for managing schedules of users who operate user terminal devices, comprising:

a generation step of generating information representing a presence or absence of a user at the user terminal device based on information from a recognition unit; (See col. 5, lines 44-60, col. 6, lines 6-7, and col. 10, lines 35-48.)

a transmission step of transmitting the generated information representing the presence or absence of the user at the user terminal device to the server device; and (See col. 5, lines 55-60; See also col. 4, lines 22-29.)

a receiving step of receiving last status information of the user's action which is extended or not extended based on a determination in accordance with both the transmitted information and schedule information managed by the server. (See col. 5, lines 44-47; line 49 – calendar event is schedule information.)

Gilhuly teaches sensing that the user is no longer in the vicinity of the host system at col. 6, lines 6-7 as indicated above. This is interpreted as recognition of a presence or absence of a user. However, in order to emphasize that this is known in the art, applicant is referred to Wick

col. 2, line 63-col. 3, line 21.

Gilhuly does not specifically address updating users based on the generated updated status information. However, O'Brien expressly teaches updating users based on the generated updated status information at col. 9, lines 22-26 and col. 2, lines 26-33 and Sasaki et al. expressly teaches updating users based on the generated updated status information. See para 0021-0033; 0068-0069, 0102 and throughout.

Hence, it would have been obvious at the time of the invention for an artisan of ordinary skill in the art to combine the method of pushing taught by Gilhuly and Sasaki with updating users based on the generated updated status information disclosed by O'Brien because there is a growing need to communicate in ways that are considerate to the status of other users. For example, the status of one user may indicate that he/she is willing to receive messages. Alternatively, the status may indicate that the user is busy and does not wish to be disturbed.

Claim 10:

As to claim 10, Gilhuly substantially teaches recites a control method for controlling a server device for communicating with user terminal devices, comprising:

An obtaining step of obtaining a presence or absence of users from the user terminal devices; (See col. 6, lines 6-7; col. 10, lines 35-48.)

a search step of searching [[a]] schedule information of registered users; (See col. 5, lines 56-57; line 49 – calendar event is schedule information.)

a determination step of determining whether last status information of the user's action is to be extended or not, in accordance with both the presence or absence of the users and the searched schedule information; and (See col. 5, lines 44-60, col. 6, lines 6-7, and col. 10, lines 35-48.)

Gilhuly teaches sensing that the user is no longer in the vicinity of the host system at col.

6, lines 6-7 as indicated above. This is interpreted as recognition of a presence or absence of a user. However, in order to emphasize that this is known in the art, applicant is referred to Wick col. 2, line 63-col. 3, line 21.

Gilhuly does not specifically address a generation unit that generates change information based on the result of the determination unit; and

an update unit that updates the status information of the user's action on the basis of the generated change information.

However, O'Brien expressly teaches above limitations at col. 9, lines 22-26 and col. 2, lines 26-33 and Sasaki et al. expressly teaches updating users based on the generated updated status information. See para 0021-0033; 0068-0069, 0102 and throughout.

Hence, it would have been obvious at the time of the invention for an artisan of ordinary skill in the art to combine the method of pushing taught by Gilhuly and Sasaki with updating users based on the generated updated status information disclosed by O'Brien because there is a growing need to communicate in ways that are considerate to the status of other users. For example, the status of one user may indicate that he/she is willing to receive messages. Alternatively, the status may indicate that the user is busy and does not wish to be disturbed.

Claim 13:

As to claim 13 it recites a system according to claim 1, further comprising:  
a transmission unit that transmits the updated present status information of the users to the user terminal devices. (See col. 5, lines 57-60.)

Gilhuly does not specifically address updating users based on the generated updated status information. However, O'Brien expressly teaches updating users based on the generated updated status information at col. 9, lines 22-26 and col. 2, lines 26-33 and Sasaki et al. expressly teaches updating users based on the generated updated status information. See para 0021-0033;

0068-0069, 0102 and throughout. Hence, it would have been obvious at the time of the invention for an artisan of ordinary skill in the art to combine the method of pushing taught by Gilhuly and Sasaki with updating users based on the generated updated status information disclosed by O'Brien because there is a growing need to communicate in ways that are considerate to the status of other users. For example, the status of one user may indicate that he/she is willing to receive messages. Alternatively, the status may indicate that the user is busy and does not wish to be disturbed.

Claim 14:

As per claim 14 Gilhuly substantially teaches a system according to claim 1, wherein said recognition unit recognizes the presence or absence of the users based on a status of input from an input device connected to the user terminal devices or an image taken by an image device connected to the user terminal. (See col. 6, lines 6-7; col. 10, lines 35-48.)

5. The prior art made of record and relied upon to support the proposition of "recognition of a presence or absence of a user" as interpreted by the Examiner is:

- Wick et al. (U.S. 6,691,162) teaches "Monitoring Users of a Computer Network" col. 2, line 63-col. 3, line 21.

### CONCLUSION

6. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO**

MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Emmanuel Coffy whose telephone number is (571) 272-3997. The examiner can normally be reached on 8:30 - 5:00 P.M.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ario Etienne can be reached on (571) 272-4001. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Emmanuel Coffy,  
Patent Examiner  
Art Unit 2157

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EC  
May 10, 2006

  
**ARIO ETIENNE**  
**SUPERVISORY PATENT EXAMINER**  
**TECHNOLOGY CENTER 2100**